5/21/84
A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended May 11, 1984 NO. 19

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 05/11/84	Last Week Ending: 05/04/84	Last Year Week Ending: 05/13/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,050	11,869	11,745	181	305
Operable capacity	16,270	16,270	16,854	0	-584
Percent operated	74.1	73.0	69.7		
Motor Gasoline					
Total motor gasoline production	6,436	6,578	6,497	-142	-61
Finished leaded motor gasoline production	2,551	2,687	2,881	-136	-330
Finished unleaded motor gasoline production	3,885	3,891	3,616	-6	269
Total motor gasoline stocks	252,661	249,216	225,698	3,445	26,963
Finished leaded motor gasoline stocks	101,952	100,847	91,304	1,105	10,648
Finished unleaded motor gasoline stocks	108,653	106,711	94,392	1,942	14,261
Distillate Fuel Oil					
Distillate fuel oil production	2,533	2,279	2,501	254	32
Distillate fuel oil stocks	98,393	99,961	109,023	-1,568	-10,630
Residual Fuel Oil					
Residual fuel oil production	723	800	1,049	-77	-326
Residual fuel oil stocks	47,758	45,752	47,829	2,006	-71
Imports					
Crude oil imports	3,657	3,259	2,718	398	939
Product imports	1,563	1,664	1,895	-101	-332
Crude Oil Stocks					
Crude oil stocks	352,384	347,191	359,992	5,193	-7,608

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,107	968	991	1,239	80.6
Appal. No. 1	100	98	98	177	55.4
DISTRICT 1 TOTAL	1,207	1,066	1,089	1,406	77.5
Appal. No. 2	65	58	60	66	90.9
Ind., Ill., Ky.	2,004	1,793	1,823	2,356	77.4
Minn., Wis., Daks.	208	203	205	296	69.3
Okla., Kans., Mo.	688	637	637	777	82.0
DISTRICT 2 TOTAL	2,965	2,691	2,725	3,495	78.0
Inland Texas	507	504	515	585	88.0
Texas Gulf Coast	2,850*	2,508	2,561	3,907	66.1
La. Gulf Coast	2,246	2,099	2,121	2,890	73.4
N. La. and Ark.	189	174	177	286	61.9
New Mexico	92	88	90	105	85.7
DISTRICT 3 TOTAL	5,884*	5,373	5,484	7,773	70.6
DISTRICT 4 TOTAL	440	443	445	536	83.0
DISTRICT 5 TOTAL	2,303	2,267	2,307	3,060	75.4
TOTAL U.S.	12,799	11,840	12,050	16,270	74.1
TOTAL U.S. Weeks Ended:					
MAY 4, 1984	12,590*	11,631	11,868	16,270	73.0
MAY 13, 1983	12,896	11,405	11,745	16,854	69.7
DISTRICTS 1-4 Weeks Ended:					
MAY 11, 1984	10,496	9,573	9,743	13,210	73.8
MAY 4, 1984	10,195*	9,396	9,586	13,210	72.6
MAY 13, 1983	10,609	9,277	9,578	13,771	69.6

*See Revisions on Page 8

API WEEKLY STATISTICAL BULLETIN
Week Ended May 11, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	514	176	338	20	23	205	98
Appal. No. 1	37	23	14	1	--	31	2
DISTRICT 1 TOTAL	551	199	352	21	23	236	100
Appal. No. 2	38	15	23	3	1	13	2
Ind., Ill., Ky	1,099	421	678	28	102	389	38
Minn., Wis., Daks	106	50	56	2	15	41	6
Okla., Kans., Mo.	388	190	198	6	26	199	13
DISTRICT 2 TOTAL	1,631	676	955	39	144	642	59
Inland Texas	274	114	160	29	24	138	30
Texas Gulf Coast	1,437*	572*	865	5	202	474	204
La. Gulf Coast	1,131	398	733	20	214	402	36
N. La. and Ark.	65	30	35	3	--	52	8
New Mexico	35	19	16	15	6	24	--
DISTRICT 3 TOTAL	2,942*	1,133*	1,809	72	446	1,090	278
DISTRICT 4 TOTAL	223	120	103	11	25	117	12
DISTRICT 5 TOTAL	1,089	423	666	35	223	448	274
TOTAL U.S.	6,436	2,551	3,885	178	861	2,533	723
TOTAL U.S. Weeks Ended:							
MAY 4, 1984	6,578*	2,687*	3,891	163	919	2,279	800
MAY 13, 1983	6,497	2,881	3,616	239	751	2,301	1,049
DISTRICTS 1-4 Weeks Ended:							
MAY 11, 1984	5,347	2,128	3,219	143	638	2,085	449
MAY 4, 1984	5,509*	2,222*	3,287	108	677	1,886	534
MAY 13, 1983	5,421	2,412	3,009	187	538	2,114	624

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available
*See Revisions on Page 8

API WEEKLY STATISTICAL BULLETIN
Week Ended May 11, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	6,203	2,958	3,244	1	67	600	3,031	1,807	--
Central Atlantic	34,289*	15,015*	14,937*	4,337	250	3,917	16,417	16,960*	14,257
Lower Atlantic	29,188	13,189	15,661	318	333	3,917	11,236	3,991	459
DISTRICT 1 TOTAL	69,680*	31,162*	33,862*	4,656	650	8,434	30,684	22,758*	14,716
DISTRICT 2 TOTAL	71,209	31,009	31,642	8,558	1,660	7,696	30,330	3,797	17,807
DISTRICT 3 TOTAL	73,494	24,956	29,395	19,143	2,237	10,667	22,577*	11,707	52,748*
DISTRICT 4 TOTAL	8,748	3,227	2,937	2,184	305	816	3,408	441	2,874
DISTRICT 5 TOTAL	29,530	10,598	11,417	7,515	1,901	6,088	11,394	9,055	27,446
TOTAL U.S.	252,661	101,952	108,653	42,056	6,753	33,703	98,393	47,758	115,591
TOTAL U.S.									
Weeks Ended:									
MAY 4, 1984	249,216*	100,847*	106,711*	41,658	6,349	34,167	99,961*	45,752*	114,811*
MAY 13, 1983	225,698	91,304	94,392	40,002	7,065	35,138	109,023	47,829	110,708
DISTRICTS 1-4									
Weeks Ended:									
MAY 11, 1984	223,131	91,354	97,236	34,541	4,852	27,615	86,999	38,703	88,145
MAY 4, 1984	220,675*	91,060*	95,668*	33,947	4,522	28,229	88,632*	36,819*	88,349*
MAY 13, 1983	200,352	82,253	84,571	33,528	5,543	29,003	99,295	37,077	86,093

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

*See Revisions on Page 8

WEEKLY STATISTICAL BULLETIN
Week Ended May 11, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Latest Dept. of Energy Dec. 1983	Crude Oil Imports[1] Total	From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
MAY 11, 1984	5,882.0	5,571.0	3,246	511	269,475
MAY 4, 1984	5,873.8*	--	3,066	273	267,210*
APR. 27, 1984	5,873.8*	--	3,347	331	262,673
APR. 20, 1984	5,873.8*	--	3,347	350	263,718
DISTRICT 5 TOTAL					
MAY 11, 1984	2,890.9	2,823.0	411	40	82,909 ‡
MAY 4, 1984	2,882.8*	--	193	72	79,981
APR. 27, 1984	2,882.8*	--	251	48	78,552
APR. 20, 1984	2,882.8*	--	249	32	81,864
TOTAL U.S.					
MAY 11, 1984	8,772.9	8,394.0	3,657	551	352,384 ‡
MAY 4, 1984	8,756.6*	--	3,259	345	347,191*
APR. 27, 1984	8,756.6*	--	3,598	379	341,225
APR. 20, 1984	8,756.6*	--	3,596	382	345,582
MAY 13, 1983	8,615.0/A	--	2,718	213	359,992

‡INCLUDES 25,575 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE acutal for May 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
MAY 11, 1984	15,750	78,856	161,084	13,785	269,475	82,909 ‡	352,384 ‡
MAY 4, 1984	16,576	77,483	158,872*	14,279	267,210*	79,981	347,191*
MAY 13, 1983	17,626	80,167	158,792	15,108	271,693	88,299	359,992

[1]See definitional notes, Page 6.

*See Revisions on Page 8

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--*	--*	--	--	--	--	--	--	--	--	--*
Central Atlantic	74	--	74	--	33	114	347	22	84	45	719
Lower Atlantic	112	81	31	--	--	25	157	--	--	--	294
DISTRICT 1 TOTAL											
MAY 11, 1984	186	81	105	--	33	139	504	22	84	45	1,013
MAY 4, 1984	231*	125*	106	--	41	207	513	26	33	101	1,152*
APR. 27, 1984	334	220	114	--	53	161	613	34	87	130	1,412
APR. 20, 1984	106	63	43	13	5	145	376	11	70	69	795
DISTRICTS 2-4 TOTAL											
MAY 11, 1984	10	5	5	--	--	9	39	171	156	68	453
MAY 4, 1984	9	9	--	--	--	16	50	152	120	33	380
APR. 27, 1984	10	8	2	64	--	11	39	190	56	197	567
APR. 20, 1984	8	8	--	--	--	5	67	151	167	29	427
DISTRICT 5 TOTAL											
MAY 11, 1984	17	6	11	--	--	3	43	17	4	13	97
MAY 4, 1984	24	20	4	--	1	2	16	14	64	11	132
APR. 27, 1984	24	8	16	--	--	3	19	10	--	10	66
APR. 20, 1984	45	30	15	--	2	2	18	11	--	10	88
TOTAL U.S.	213	92	121	--	33	151	586	210	244	126	1,563
TOTAL U.S. Weeks Ended:											
MAY 4, 1984	264*	154*	110	--	41	225	579	192	217	145	1,664*
APR. 27, 1984	368	236	132	64	53	175	671	234	143	337	2,045
APR. 20, 1984	159	101	58	13	7	152	461	173	237	108	1,310
MAY 13, 1983	513	450	63	--	15	55	588	197	389	128	1,885

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

*See Revisions on Page 8

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

	API Estimated Production		Dept. of Energy
	April 1984	March 1984	Dec. 1983
Florida	47.0	49.0	41.0
New York-Pennsylvania	14.0	14.0	14.0
Virginia	-	-	-
West Virginia	8.0	8.0	8.0
Illinois	78.0	80.0	68.0
Indiana	15.0	15.0	11.0
Kansas	196.0	196.0	182.0
Kentucky	21.0	21.0	19.0
Michigan	88.0	88.0	83.0
Missouri-Tennessee	3.0	3.0	3.0
Nebraska	18.0	18.0	15.0
Ohio	40.0	40.0	40.0
Oklahoma	440.0	435.0	363.0
North Dakota	141.5	138.0	134.0
South Dakota	3.3	3.3	3.0
Alabama	52.0	51.0	48.0
Arkansas	52.0	52.0	52.0
Mississippi	89.0	88.0	88.0
New Mexico-So. East	186.0	186.0	176.0
New Mexico-Other	18.0	18.0	20.0
North Louisiana	85.0	85.0r/	84.0
South Louisiana	1,300.0	1,295.0r/	1,261.0
Total Louisiana	1,385.0	1,380.0r/	1,345.0
Texas			
District 1	67.0	66.0	65.0
District 2	111.0	110.0	104.0
District 3	339.0	345.0	320.0
District 4	74.0	75.0	71.0
District 5	24.0	23.0	23.0
District 6, East Texas Field	135.0	136.0	135.0
Other	112.0	112.0	107.0
District 7-B	89.0	89.0	85.0
District 7-C	91.0	90.0	90.0
District 8 and 8-A	1,230.0	1,231.0	1,165.0
District 9	103.0	103.0	98.0
District 10	55.0	55.0	54.0
Total Texas	2,430.0	2,435.0	2,317.0
Colorado	78.0	79.0	76.0
Montana	82.0	83.0	76.0
Utah	79.0	79.0	79.0
Wyoming	310.0	310.0	310.0
Total Dists. 1-4	5,873.8	5,869.3r/	5,571.0
Alaska	1,766.8	1,570.4	1,711.0
Arizona	1.0	1.0	1.0
California	1,112.0	1,113.0	1,107.0
Nevada	3.0	3.0	4.0
Total Dist. 5	2,882.8	2,687.4	2,823.0
Total U.S.	8,756.6	8,556.7r/1/	8,394.0

r/ Revised.

1/ Due to Louisiana production data submitted after publication.

API STATISTICAL BULLETIN
WEEK ENDED: MAY 11, 1984

REVISIONS

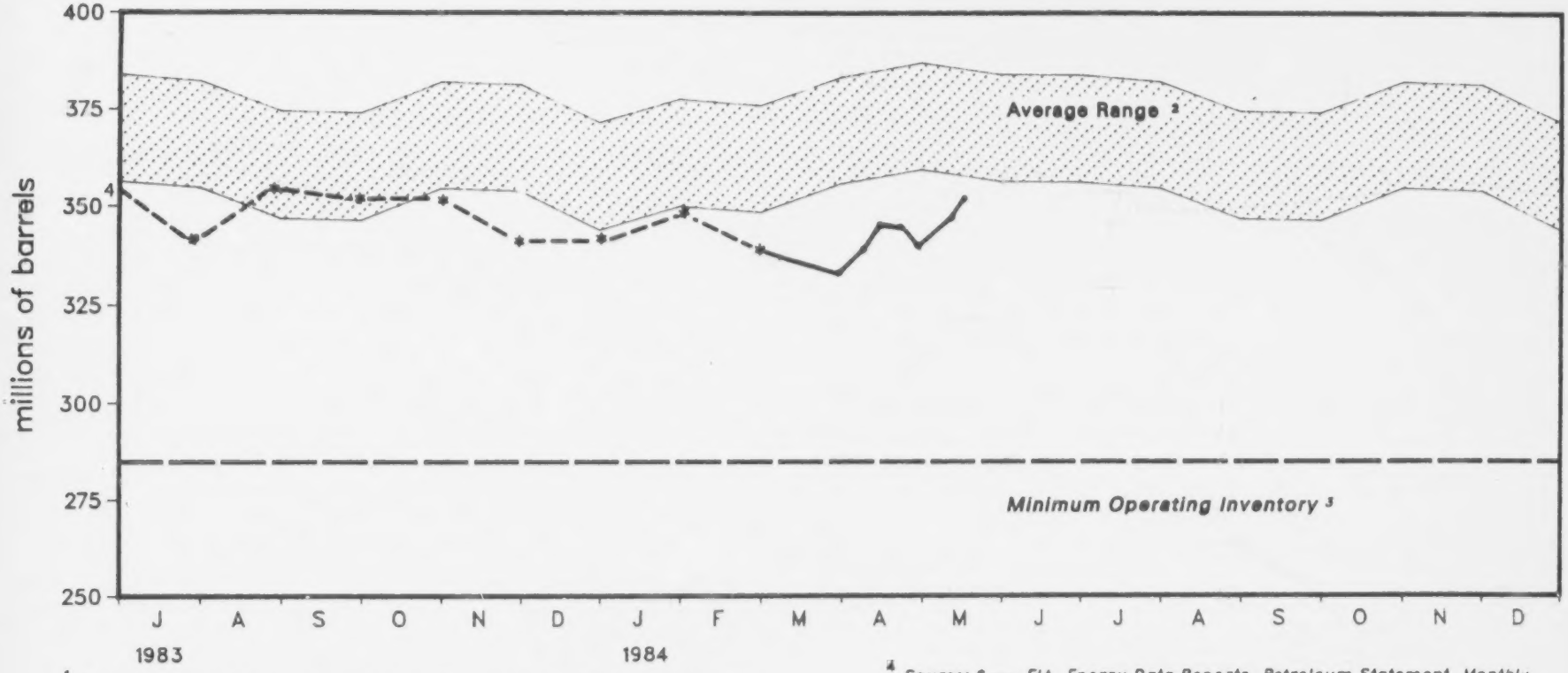
05/04/84	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	2,945
			DISTRICT 3 TOTAL	5,926
			TOTAL U.S.	12,590
			DISTRICTS 1-4	10,195
	PAGE 2	TOTAL MGAS	TEXAS GULF COAST	1,622
			DISTRICT 3 TOTAL	3,197
			TOTAL U.S.	6,578
			DISTRICTS 1-4	5,509
		LEADED MGAS	TEXAS GULF COAST	634
			DISTRICT 3 TOTAL	1,304
			TOTAL U.S.	2,687
			DISTRICTS 1-4	2,222
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	32,090
			DISTRICT 1 TOTAL	67,327
			TOTAL U.S.	249,216
			DISTRICTS 1-4	220,675
		LEADED MGAS	CENTRAL ATLANTIC	14,006
			DISTRICT 1 TOTAL	30,016
			TOTAL U.S.	100,847
			DISTRICTS 1-4	91,060
		UNLEADED MGAS	CENTRAL ATLANTIC	13,654
			DISTRICT 1 TOTAL	32,544
			TOTAL U.S.	106,711
			DISTRICTS 1-4	95,668
		DISTILLATE FUEL	DISTRICT 3 TOTAL	23,467
			TOTAL U.S.	99,961
			DISTRICTS 1-4	88,632
		RESIDUAL FUEL	CENTRAL ATLANTIC	14,894
			DISTRICT 1 TOTAL	20,454
			TOTAL U.S.	45,752
			DISTRICTS 1-4	36,819
		UNFINISHED OILS	DISTRICT 3 TOTAL	52,559
			TOTAL U.S.	114,811
			DISTRICTS 1-4	88,349
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	267,210
			TOTAL U.S.	347,191
	PAGE 4 B	TOTAL	PAD DISTRICT 3	158,872
			TOTAL PAD DISTRICTS 1-4	267,210
			TOTAL U.S.	347,191
	PAGE 5	TOTAL MGAS	NEW ENGLAND	28
			DISTRICT 1 TOTAL	231
			TOTAL U.S.	264

REVISIONS

PAGE 5	LEADED MGAS	NEW ENGLAND	28
		DISTRICT 1 TOTAL	125
		TOTAL U.S.	154
	TOTAL	NEW ENGLAND	30
		DISTRICT 1 TOTAL	1,152
		TOTAL U.S.	1,664

May 11, 1984

Crude Oil Stocks at Primary Level [1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.

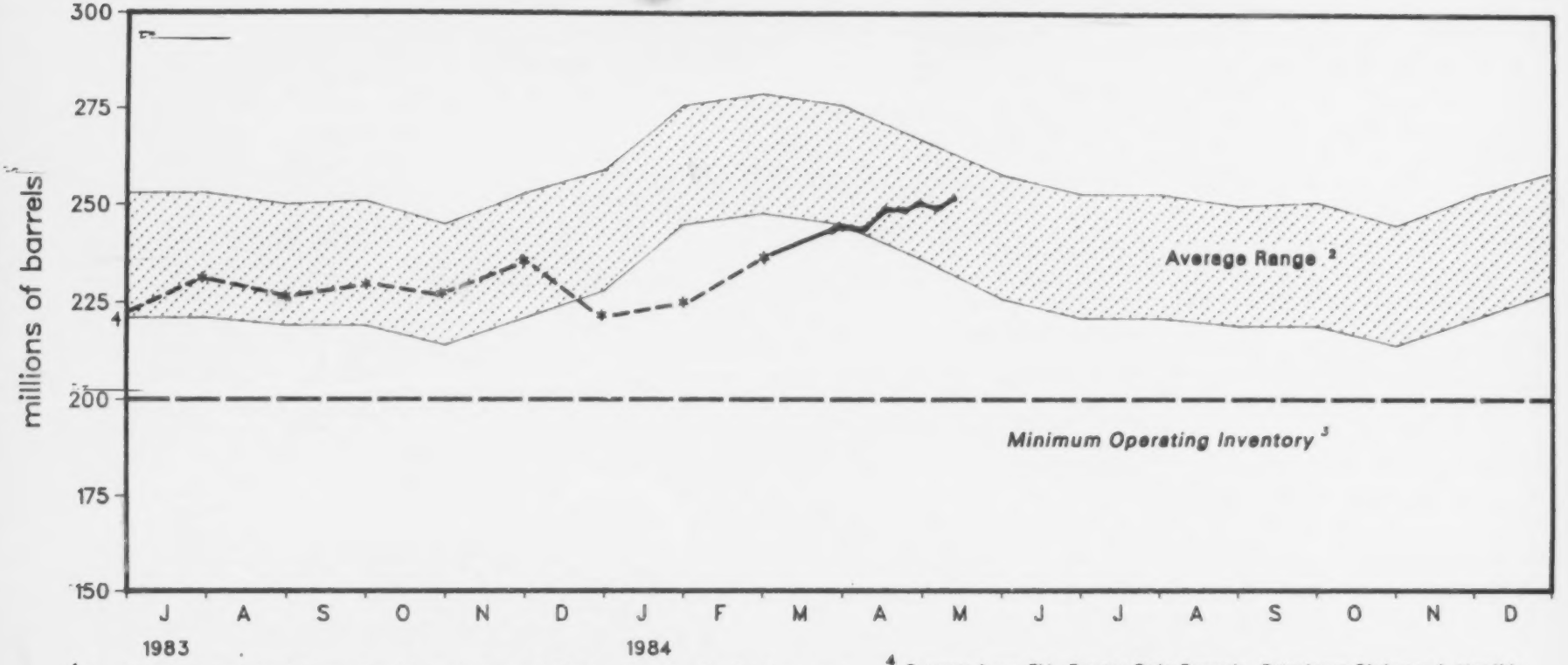
[3] The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.

[4] Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
• — API, Weekly Statistical Bulletin.

[5] The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

May 11, 1984

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

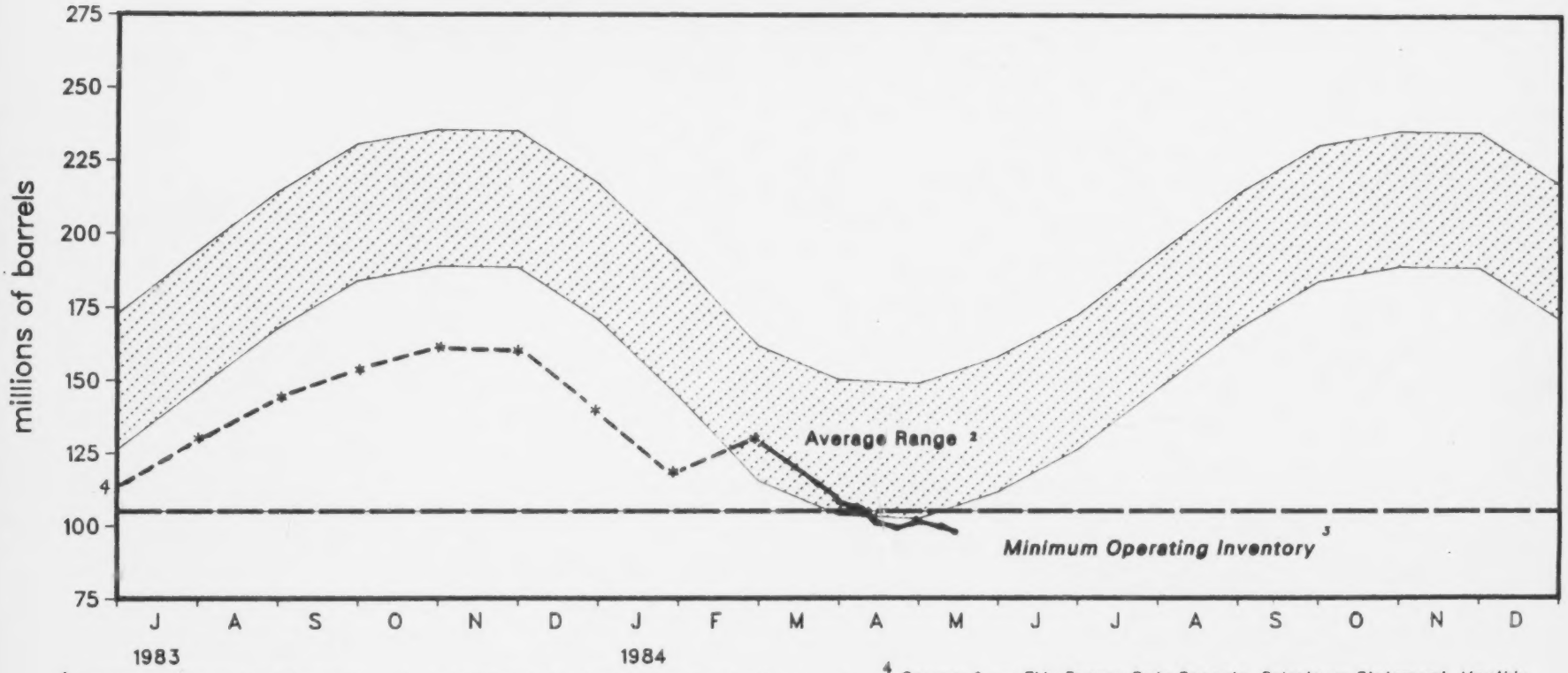
[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

May 11, 1984

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
** — API, Weekly Statistical Bulletin.*

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*